

Title (en)
METHOD OF REMOTELY CONTROLLING A MATERIALS HANDLING VEHICLE

Title (de)
VERFAHREN ZUR FERNSTEUERUNG EINES MATERIALHANDHABUNGSFAHRZEUGS

Title (fr)
PROCÉDÉ DE COMMANDE À DISTANCE D'UN VÉHICULE DE MANIPULATION DE MATÉRIAUX

Publication
EP 3190572 A1 20170712 (EN)

Application
EP 17151798 A 20070914

Priority

- US 82568806 P 20060914
- EP 13162630 A 20070914
- EP 07814863 A 20070914
- US 2007078455 W 20070914

Abstract (en)

A method of synchronizing a transmitter and a receiver in a supplemental remote control system for materials handling vehicles comprises initiating a power on sequence to enable a materials handling vehicle for operation, the materials handling vehicle having a receiver for receiving wirelessly transmitted travel commands; entering a pairing mode to synchronize the receiver and a corresponding controller on the vehicle to a select one of a plurality of wireless remote control devices, wherein the select one of the wireless remote control devices is associated with an operator of the materials handling vehicle; receiving pairing mode confidence signals at the receiver of the vehicle, wherein each pairing mode confidence signal provides a transmitter identification that uniquely identifies a corresponding one of the plurality of wireless remote control devices within range of the receiver; displaying a list of all detected transmitter identification codes ordered by signal strength; matching a known transmitter identification code associated with the select one of the plurality of wireless remote control devices associated with the operator of the materials handling vehicle with a corresponding one of the pairing mode confidence signals received by the receiver; and synchronizing the select one of the plurality of wireless remote control devices associated with the operator to the receiver and the controller of the vehicle such that the materials handling vehicle acknowledges remote travel commands from the select one of the plurality of wireless remote control devices.

IPC 8 full level
G08C 17/02 (2006.01); **B66F 9/075** (2006.01); **G05D 1/00** (2006.01); **G05D 1/02** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP KR US)
B66F 9/07568 (2013.01 - EP US); **B66F 9/07581** (2013.01 - EP US); **G05D 1/0016** (2024.01 - EP US); **G05D 1/0033** (2024.01 - EP US); **G07C 9/00309** (2013.01 - EP US); **G08C 17/02** (2013.01 - EP US); **H04B 5/00** (2013.01 - KR); **H04Q 9/02** (2013.01 - KR); **G05D 1/0238** (2024.01 - EP US); **G05D 1/0255** (2024.01 - EP US); **G05D 1/0261** (2024.01 - EP US); **G05D 1/0272** (2024.01 - EP US); **G07C 9/00896** (2013.01 - EP US); **G07C 9/00944** (2013.01 - EP US); **G08C 2201/20** (2013.01 - EP US)

Citation (applicant)
US 6595306 B2 20030722 - TREGO ALLEN T [US], et al

Citation (search report)
[A] US 2001035729 A1 20011101 - GRAIGER DIETER [AT], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008071429 A1 20080320; US 9082293 B2 20150714; AU 2007300299 A1 20080403; AU 2007300299 B2 20120112; AU 2007300299 B9 20120209; AU 2007300299 C1 20121101; AU 2011202248 A1 20110602; AU 2011202248 B2 20130926; CA 2663578 A1 20080403; CA 2663578 C 20160503; CA 2860745 A1 20080403; CA 2860745 C 20160308; CN 101517622 A 20090826; CN 101517622 B 20160316; CN 102157056 A 20110817; CN 102157056 B 20121205; CN 102663884 A 20120912; CN 102663884 B 20140305; CN 102708666 A 20121003; CN 102708666 B 20130911; CN 104991554 A 20151021; EP 2062242 A2 20090527; EP 2062242 B1 20160309; EP 2079065 A2 20090715; EP 2079065 A3 20120905; EP 2079065 B1 20161116; EP 2613301 A2 20130710; EP 2613301 A3 20160713; EP 2613301 B1 20170301; EP 3190572 A1 20170712; EP 3190572 B1 20181212; EP 3382668 A1 20181003; EP 3382668 B1 20200108; KR 101369822 B1 20140306; KR 101425424 B1 20140801; KR 20090057434 A 20090605; KR 20130135982 A 20131211; MX 2009002803 A 20090512; RU 2009113849 A 20101020; RU 2011123098 A 20121220; RU 2428744 C2 20110910; RU 2555068 C2 20150710; WO 2008039649 A2 20080403; WO 2008039649 A3 20090226

DOCDB simple family (application)
US 85531007 A 20070914; AU 2007300299 A 20070914; AU 2011202248 A 20110516; CA 2663578 A 20070914; CA 2860745 A 20070914; CN 200780034057 A 20070914; CN 201110079601 A 20070914; CN 201210182014 A 20070914; CN 201210182652 A 20070914; CN 201510248772 A 20070914; EP 07814863 A 20070914; EP 09157560 A 20070914; EP 13162630 A 20070914; EP 17151798 A 20070914; EP 18166204 A 20070914; KR 20097007554 A 20070914; KR 20137028294 A 20070914; MX 2009002803 A 20070914; RU 2009113849 A 20070914; RU 2011123098 A 20110608; US 2007078455 W 20070914